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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAY 08 2002

Application of: Jackson and Pace

Application No.: 09/542,520

Group Art Unit: 1656

TECH CENTER 1600/2900

Filed: April 3, 2000

Examiner: Sharon Turner

For: *CHLAMYDIA* PROTEIN, GENE  
SEQUENCE AND USES THEREOF

Attorney Docket No.: 7969-076-999

**RESPONSE TO REQUIREMENT FOR RESTRICTION WITH AMENDMENTS**

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the outstanding Office Action dated December 4, 2001, please enter the following amendment and consider the remarks below. Submitted herewith are: (1) as Exhibit A, Parts 1-3, i.e., Part 1, a copy of Clustal comparisons for the amino acid sequences of SEQ ID NOS.: 2, 15, 16 and the amino acid sequence of the *Chlamydia* high molecular weight (HMW) protein encoded by plasmid pJJ701; (Parts 2 and 3), a copy of comparisons, using Clustal method, of the amino acid sequence of the *Chlamydia* high molecular weight (HMW) proteins comprising SEQ ID NOS.: 2, 15 and 16 and the amino acid sequence of HMW protein encoded by plasmid pAH342 (Part 2) and a comparison of the nucleotide sequences of SEQ ID NOS.: 1, 23 and 24 (Part 3); (2) Exhibit B, Parts 1 and 2, (a) copy of the nucleotide sequence of SEQ ID NO.: 23 and the amino acid sequenced encoded by said sequence (Part 1) and (b) a copy of the nucleotide sequence of SEQ ID NO.: 24 and the amino acid sequence encoded by said sequence; (3) Exhibit C, a Statement on behalf of the Assignee of this application relating to the availability of the deposits, and a copy of the